

Application No. 10/002,573
Amendment Dated February 7, 2006
In reply to Office Action dated November 16, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

CLAIMS:

Please amend claim 41, as follows:

1-36. (Canceled)

37. (Original) A portable radio capable of communicating with other portable radios over a wireless radio network, the radio comprising:

 a transceiver for transmitting voice communications and location data to and receiving voice communications and location data from at least one of the other radios;

 a continuous tone coded squelch system (CTCSS) for controlling audio output of the transceiver so that a user of the radio only hears certain selected communications transmitted over the network; and

 an auxiliary coding system that, when enabled, codes all location data transmitted by the transceiver so that the location data can only be decoded by other radios having a similar auxiliary coding system.

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38. (Original) The radio as set forth in claim 37, further including –

a GPS receiver for receiving satellite signals from a plurality of satellites; and
a processor coupled with the GPS receiver for calculating a location of the radio as
a function of the satellite signals.

39. (Original) The radio as set forth in claim 37, wherein the wireless radio network
comprises a Family Radio Service (FRS) network.

40. (Previously Presented) A method of transmitting voice communications and location
data between a plurality of radios, the method comprising the steps of:

coding the location data with a coding system so that the location data can only be
decoded by radios having a similar coding system; and
transmitting the voice communications along with a continuous tone coded squelch
system (CTCSS) sub-audible tone so that the radios receiving the voice
communications will un-mute their audio if they have a CTCSS set to the
sub-audible tone.

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41. (Currently Amended) A portable radio capable of communicating with at least one other portable radio over a wireless radio network, the radio comprising:

 a radio transceiver for transmitting voice communications to and receiving voice communications from the other radio; and

 a continuous tone coded squelch system (CTCSS) coupled with the radio transceiver for controlling audio output of the transceiver so that a user of the radio only hears certain certain communications transmitted over the network, the CTCSS including a selector for selecting between a plurality of CTCSS tones that each, when selected, is transmitted by the radio transceiver and received by the other radio and used to enable audio output of the other radio only if the other radio has been set to the same CTCSS tone, the CTCSS further including an emergency CTCSS tone that, when selected and transmitted, enables the audio output of the other radio whether or not the other radio has been set to the same CTCSS tone as the radio.

42. (Original) The radio as set forth in claim 41, wherein the emergency CTCSS tone is selected from existing CTCSS tones.

43. (Original) The radio as set forth in claim 41, wherein the emergency CTCSS tone is a new tone added to the CTCSS.

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44. (Original) The radio as set forth in claim 41, further including –

a GPS receiver for receiving satellite signals from a plurality of satellites; and
a processor coupled with the GPS receiver for calculating a location of the radio as
a function of the satellite signals.

45-46. (Canceled)

Please add new claims 47-55, as follows:

47. (New) The radio as set forth in claim 37, wherein the voice communications and the location data are transmitted simultaneously.

48. (New) The radio as set forth in claim 37, wherein transmission of the location data does not interfere with transmission of the voice communications.

49. (New) The radio as set forth in claim 37, wherein the location data is encrypted according to a user definable encryption code.

50. (New) The radio as set forth in claim 40, wherein the voice communications and the location data are transmitted simultaneously.

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51. (New) The radio as set forth in claim 40, wherein transmission of the location data does

not interfere with transmission of the voice communications.

52. (New) The radio as set forth in claim 40, wherein the location data is encrypted

according to a user definable encryption code.

53. (New) The radio as set forth in claim 44, wherein the voice communications and the

location are transmitted simultaneously.

54. (New) The radio as set forth in claim 44, wherein the location is transmitted so as to

not interfere with transmission of the voice communications.

55. (New) The radio as set forth in claim 44, wherein the location is encrypted according

to a user definable encryption code.